

Date Mailed: 12/11/03

Sheet 1 of 5

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number:	Application Number:
	1799USD1	UNKNOWN
	Applicant: SULAKVELIDZE ET AL.	
Filing Date: <u>12/11/03</u>	Group Art Unit: UNKNOWN	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
NK	2,876,108	3/3/1959	Taylor et al.			
	4,375,734	3/8/1983	Kozloff et al.			
	4,778,653	10/18/1988	Kamimura et al.			
	4,851,240	7/25/1989	Day et al.			
	4,891,210	1/2/1990	Norris			
	4,957,686	9/18/1990	Norris			
	5,006,347	4/9/1991	Day et al.			
	5,132,221	7/21/1992	Ward et al.			
	5,205,015	4/27/1993	Cox et al.			
	5,573,801	11/1996	Wilhoit			
	5,576,035	11/19/1996	Bowling et al.			
	5,612,182	3/18/1997	Pearson et al.			
	5,641,464	6/24/1997	Briggs III et al.			
	5,660,812	8/26/1997	Merril et al.			
	5,688,501	11/18/1997	Merril et al.			
	5,766,892	6/16/1998	Merril et al.			
	5,811,093	9/22/1998	Merril et al.			
	5,869,113	2/9/1999	Clayton et al.			
	6,039,984	3/21/2000	Bowling et al.			
	6,121,036	9/19/2000	Ghanbari et al.			
	6,322,783	11/27/2001	Takahashi			
	2002/0001590 A1	1/03/2002	Kelly et la.			
↓	6,461,608	10/8/2002	Averback et al.			

EXAMINER	/Nicole Kinsey/	DATE CONSIDERED	09/18/2006
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

Date Mailed: 12/11/03

Sheet 2 of 5

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number:	Application Number:
	1799USD1	UNKNOWN
	Applicant: SULAKVELIDZE ET AL.	
Filing Date: 12/11/03	Group Art Unit: UNKNOWN	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
NK	6,485,902	11/26/2002	Waddell et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
NK	JP62298498 A	12/25/1987	Japan (English Abstract)				X
	DE3714699 A1	1/07/1988	Germany (English Abstract)				X
	0290295 A2	11/9/1988	Europe				
	JP1163108 A	6/27/1989	Japan (English Abstract)				X
	WO9013631	11/15/1990	WIPO				
	WO90/14765	12/13/1990	PCT				
	0403292 A2	12/19/1990	Europe				
	0414304	2/27/1991	Europe				
	2253859	9/23/1992	Great Britain				
	0510907	10/28/1992	Europe				
	DE4326617 C1	6/30/1994	Germany (English Abstract)				X
	9527043	10/12/1995	WIPO				
	WO96/04364	2/15/1996	PCT				
	JP62123104	4/06/1997	Japan (English Abstract)				X
	WO9713405	4/17/1997	PCT				
	9739111	10/23/1997	WIPO				
	WO98/47521	10/29/1998	PCT				
↓	WO98/54981	12/10/1998	PCT				

EXAMINER	/Nicole Kinsey/	DATE CONSIDERED	09/18/2006
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

Date Mailed: 12/11/03

Sheet 3 of 5

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number:	Application Number:
	1799USD1	UNKNOWN
	Applicant: SULAKVELIDZE ET AL.	
	Filing Date: 12/11/03	Group Art Unit: UNKNOWN

FOREIGN PATENT DOCUMENTS							
						TRANSLATION	
NK	DE19828596 A1	2/11/1999	Germany (English Abstract)				X
	19828696	2/11/1999	Germany (English Abstract)				X
	0970613 A1	01/12/2000	Europe				
	WO00/10799	1/13/2000	PCT				
↓	0069269	11/23/2000	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
NK		Adamia, Revaz S., et al., "The Virulent Bacteriophage IRA of Salmonella Typhimurium: Cloning of Phage Genes which are Potentially Lethal for the Host Cell," J. Basic Microbiol., 30: 707-716 (1990).
		Alavidze et al., "Isolation of Specific Lytic Phages against Multidrug Resistant Pseudomonas aeruginosa," American Society of Microbiology, Final Program, McCormick Place, Chicago, IL (May 30 – June 3, 1999).
		Barrow et al., "Bacteriophages Mediating Somatic Antigenic Conversion in Salmonella cholerae-suis: their Isolation from Sewage and Other Salmonella Serotypes Possessing the Somatic 6 Antigen," Journal of General Microbiology, 132: 835-837 (1986).
		Barrow et al., "Salmonellosis – Prospects for Microbiological Control in Poultry," Avian pathology, 18: 557-561 (1989).
		Barrow et al., "Use of Lytic Bacteriophage for Control of Experimental Escherichia coli Septicemia and Meningitis in Chickens and Calves," Clin. Diagnostic Lab. Immun., Vol. 5, No. 3, pp. 294-298 (May 1998).
		Barrow, Paul A., et al., "Bacteriophage Therapy and Prophylaxis: Rediscovery and Renewed Assessment of Potential," Trends in Microbiology, 5:269-271 (1997).
		Berchieri et al., "The Activity in the Chicken Alimentary Tract of Bacteriophages Lytic for Salmonella typhimurium," Res. Microbiol., Vol. 142, No. 5, pp. 541-549 (June 1991).
		Bogovazova, G.G., et al., "Immunobiological Properties & Therapeutic Effectiveness of Preparations from Klebsiella Bacteriophages," Zh. Mikrobiol. Epidemiol. Immunobiol., 3:30-33 (1992).
		Gachechiladze, K.K., et al., "Host-Controlled Modification and Restriction as a Criterion of Evaluating the Therapeutical Potential of Pseudomonas Phage," J. Basic Microbiol., 31:101-106 (1991).
		Greer, "Homologous Bacteriophage Control of Pseudomonas Growth and Beef Spoilage," J. Food Prot., Vol. 49, No. 2, pp. 104-109 (February 1986).
↓		Greer, "Inability of a bacteriophage pool to control beef spoilage" International Journal of Food Microbiology, Vol. 10, Nos. 3-4 (May 1990), pp. 331-42.

EXAMINER	/Nicole Kinsey/	DATE CONSIDERED	09/18/2006
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			

Date Mailed: 12/11/03

Sheet 4 of 5

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number:	Application Number:
	1799USD1	UNKNOWN
	Applicant: SULAKVELIDZE ET AL.	
	Filing Date: <u>12/11/03</u>	Group Art Unit: UNKNOWN

NK		Kudva, Indira T., et al., "Biocontrol of Escherichia coli O157 with O157-Specific Bacteriophages," Applied and Environmental Microbiology, 65: 3767-3773 (1999).
		Kuhnen et al., "Establishment of a Typing System for Group D Streptococci," Zentralblatt Fur Bakteriologie, Mikrobiologie, Und Hygiene, Series A, Medical Microbiology, Infectious Diseases, Virology, Parasitology, Vol. 267, Nos. 3, pp. 322-330 (January 1988) (Abstract).
		Lenski, Richard E., "Dynamics of Interactions Between Bacteria and Virulent Bacteriophage," Adv. Microb. Ecol., 10:1-44 (1998).
		Leverentz et al., "Biocontrol of Listeria monocytogenes on Fresh-Cut Produce by Treatment with Lytic Bacteriophages and a Bacteriocin," Appl. Environ. Micro., Vol. 69, Nos. 8, pp. 4519-4526 (August 2003).
		Leverentz et al., "Examination of Bacteriophage as a Biocontrol Method for Salmonella on Fresh-Cut Fruit: A Model Study," J. Food Prot., Vol. 64, No. 8, pp. 1116-1121 (August 2001).
		Levin, Bruce R., et al., "Phage Therapy Revisited: The Population Biology of a Bacterial Infection and its Treatment with Bacteriophage and Antibiotics," The American Naturalist, 147:881-898 (1996).
		Ochs, Hans D., "Immunologic Responses to Bacteriophage ΦX174 in Immunodeficiency Diseases," The Journal of Clinical Investigation, 50:2559-2567 (1971).
		Slopek, S., et al., "Results of Bacteriophage Treatment of Suppurative Bacterial Infections; I. General Evaluation of the Results," Arch. Immunol. Therapiae Exper., 31:267-291 (1983).
		Slopek, S., et al., "Results of Bacteriophage Treatment of Suppurative Bacterial Infections; II. Detailed Evaluation of the Results," Arch. Immunol. Therapiae Exper., 31:293-327 (1981).
		Slopek, S., et al., "Results of Bacteriophage Treatment of Suppurative Bacterial Infections; III. Detailed Evaluation of the Results Obtained in Further 150 Cases," Arch. Immunol. Therapiae Exper., 33:219-240 (1985).
		Slopek, S., et al., "Results of Bacteriophage Treatment of Suppurative Bacterial Infections; V. Evaluation of the Results Obtained in Children," Arch. Immunol. Therapiae Exper., 33:241-260 (1985).
		Slopek, S., et al., "Results of Bacteriophage Treatment of Suppurative Bacterial Infections VI. Analysis of Treatment of Suppurative Staphylococcal Infections," Database Biosis "Online, Biosciences Information Service, (1985).
		Slopek, S., et al., "Results of Bacteriophage Treatment of Suppurative Bacterial Infections in the Years 1981-1986," Arch. Immunol. Therapiae Exper., 35:569-584 (1987).
		Soothill, J.S., et al., "The Efficacy of Phages in the Prevention of the Destruction of Pig Skin in vitro by Pseudomonas aeruginosa," Med. Sci. Res., 16: 1287-1288 (1988).
		Tauxe, "Emerging Foodborne Diseases: An Evolving Public Health Challenge," Emerging Infect. Diseases, Vol. 3, No. 4, pp. 425-434 (October - December 1997).
		Whichard et al., "Suppression of Salmonella Growth by Wild-Type and Large-Plaque Variants of Bacteriophage Felix O1 in Liquid Culture and on Chicken Frankfurters," J. Food Prot., Vol. 66, No. 2, pp. 22-225 (February 2003).
		Williams Smith, H., et al., "Effectiveness of Phages in Treating Experimental Escherichia coli Diarrhoea in Calves, Piglets and Lambs," Journal of General Microbiology, 129: 26259-2675 (1983).

EXAMINER

/Nicole Kinsey/

DATE CONSIDERED

09/18/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

Date Mailed:

12/11/03

Sheet 5 of 5

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number:	Application Number:
	1799USD1	UNKNOWN
	Applicant: SULAKVELIDZE ET AL.	
	Filing Date: 12/11/03	Group Art Unit: UNKNOWN

NK		Williams Smith, H., et al., "Successful Treatment of Experimental Escherichia coli Infections in Mice Using Phage: Its General Superiority Over Antibiotics," Journal of General Microbiology, 128: 307-318 (1982).
NK		Williams Smith, H., et al., "The Control of Experimental Escherichia coli Diarrhoea in Calves by Means of Bacteriophages," Journal of General Microbiology, 133: 1111-1126 (1987)..

EXAMINER	/Nicole Kinsey/	DATE CONSIDERED	09/18/2006
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.			